



Andrew W. Breidenbach
Environmental
Research Center

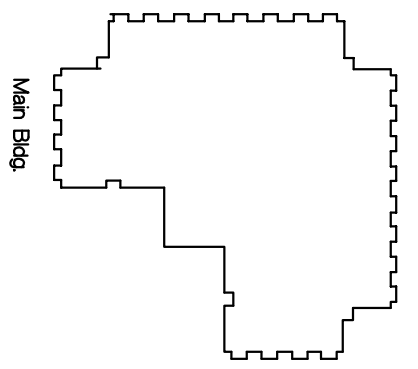
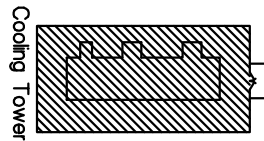
CANNONDESIGN

100 Metro Blvd, Suite 2000, Arlington, Virginia 22209 703.672.2300
Baltimore • Boston • Chicago • Denver • Jacksonville • Los Angeles • New York
St. Louis • Washington • Westport, CT

Final Submission
August 16, 2004

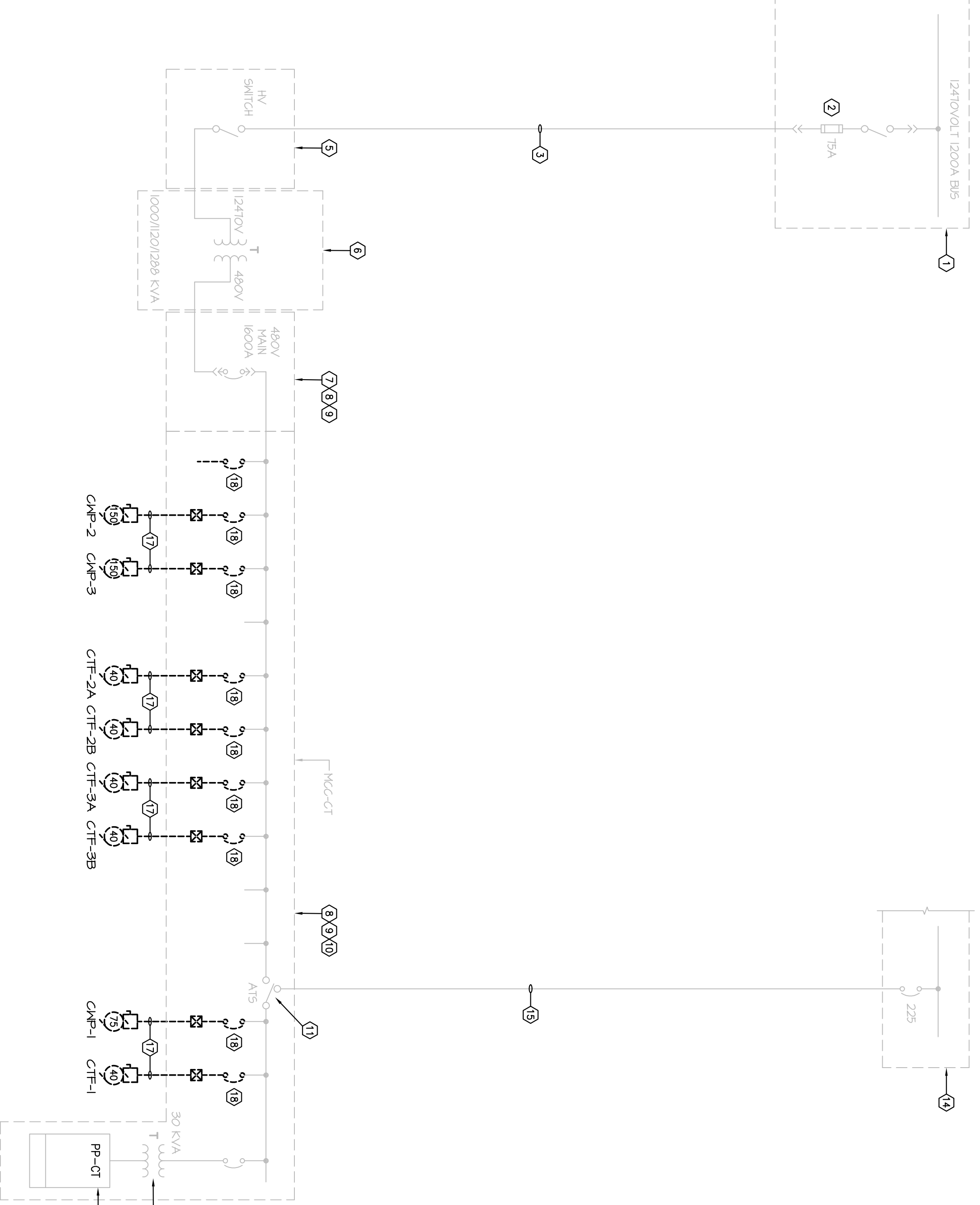
COOLING TOWER
REPLACEMENT

Arch. Spec.

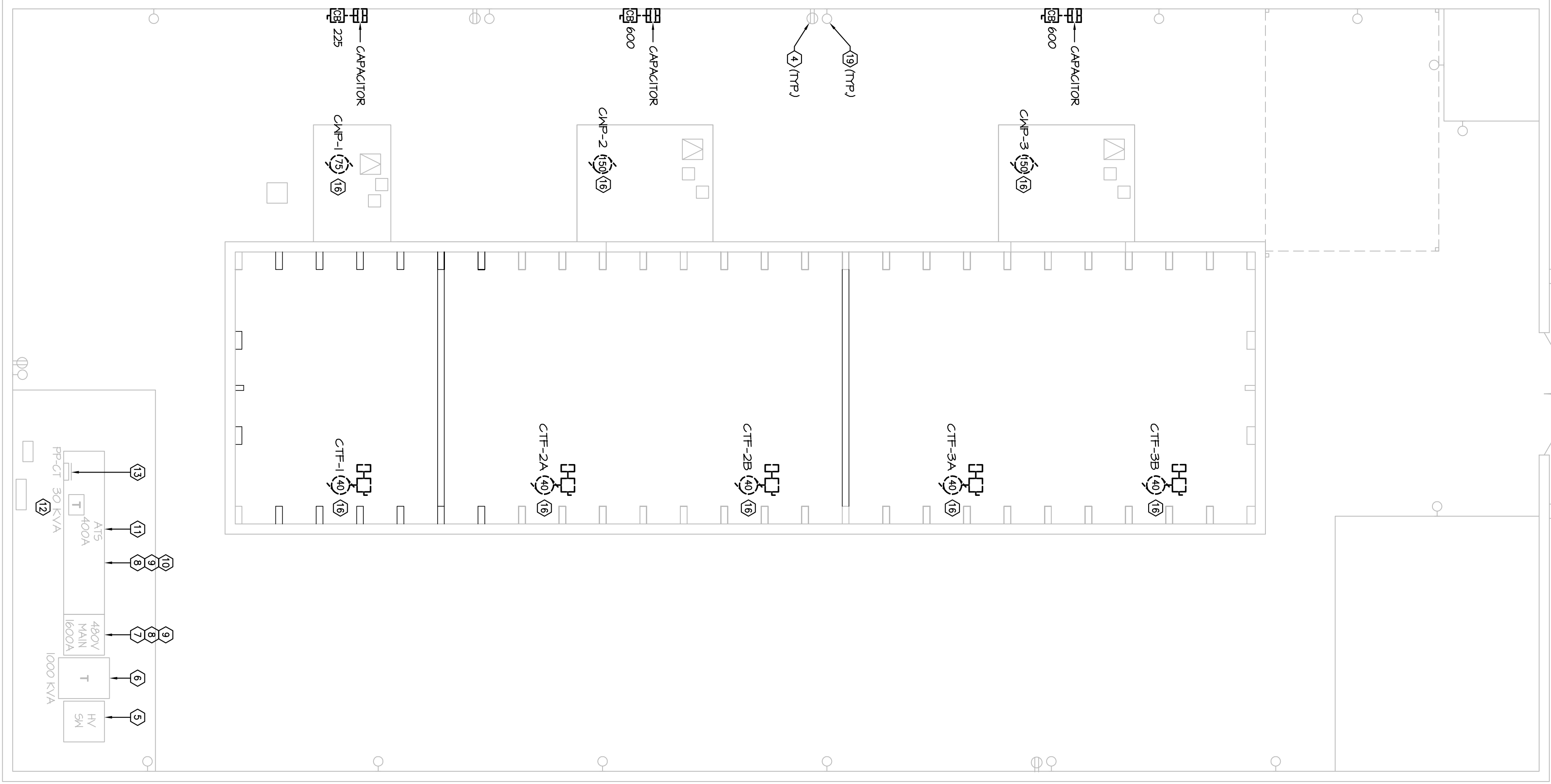


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ED101



- 3 DEMOLITION NOTES (1):
1. EXISTING 480V VOLT SERVICE PANEL INT. 9 TO REMAIN LOCATED IN ELECTRICAL ROOM 309 AT SECOND FLOOR LEVEL IN THE BUILDING. SEE NOTE #1 ON DRAWING E202.
 2. EXISTING 15 KV SWITCH INT. 10 TO REMAIN. SEE NOTE #16 ON DRAWING E202.
 3. DISCONNECT AND REMOVE EXISTING 15 KV INTERLOCKABLE CONTACTORS ORDERED BY POWER SHUT DOWN PRIOR TO START OF WORK.
 4. REMOVE EXISTING CONDUIT POWER RECEPTACLE OUTLET. PROVIDE NEW 2" CONDUIT WITH REINFORCE COVER IN ITS PLACE AND RECONNECT. CHECK EXISTING CONDUIT FOR CORROSION.
 5. EXISTING 15 KV REPAIR SWITCH TO REMAIN. VACUUM CLEAN INTERIOR TO REMOVE ALL THE DUST. CLEAN AND TIGHTEN SWITCH CONTACTS. REMOVE THE OLD EXISTING PAINT AND PROVIDE REPAIR PAINT TO MATCH EXISTING.
 6. EXISTING TRANSFORMER TO REMAIN. 1000/100/2000 KVA.
 7. EXISTING 480V VOLT MAIN CIRCUIT BREAKER TO REMAIN.
 8. VACUUM CLEAN INTERIOR TO REMOVE ALL THE DUST. CLEAN AND TIGHTEN ALL THE CONTACTS AND CONNECTIONS.
 9. REMOVE THE OLD EXISTING PAINT AND PROVIDE REPAIR PAINT TO MATCH EXISTING.
 10. EXISTING MOTOR CONTROL CENTER TO REMAIN. GET TWO LINE CONTROL CENTER, 800/400/3 PHASE. SERIAL # 104-10-225-016. ORDER 104-10-225-016.
 11. EXISTING 400V MOTOR CONTROL CENTER SWITCH INT. 11 LOCATED IN THE MCC ENCLOSURE TO REMAIN.
 12. EXISTING 30 VOLT 480 VOLT - 100/200 VOLT TRANSFORMER LOCATED IN THE MCC ENCLOSURE TO REMAIN.
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1 COOLING TOWER ELECTRICAL PLAN - DEMOLITION

2 COOLING TOWER ONE-LINE DIAGRAM - DEMOLITION

SCALE: 1/8" = 1'-0"

SCALE: 1/8" = 1'-0"